

ZEODENT® 120

Precipitated Silicon Dioxide

Characteristic physico-chemical data*

Properties and test methods	Unit	Value
PCR	20% loading	90
RDA	20% loading	150
Median particle size	µm	10
Linseed oil absorption	ml/100g	75
Sieve residue, 325 Mesh	%	1
Fluoride compatibility	%	95
Sodium sulfate	%	1
pH value, 5 % in water	-	7
Loss on drying	%	7

*) The given data are typical values. Specifications on request.

Certifications and Classifications

ZEODENT® 120

CAS-No.	112926-00-8 resp. 7631-86-9
	<ul style="list-style-type: none"> • Quality excellence achieved through GMPs and ISO:9001 certifications • Meets USP-NF for Dental Type Silica, EP and JPE monographs • Conformity with ECOCERT and COSMOS standards • Certified as Kosher, Pareve, Kosher for Passover, and Halal

ZEODENT® 120 Silicon Dioxide is a medium-to-high cleaning silica offering improved optical performance for use in clear gel toothpastes without affecting clarity. ZEODENT® 120 Silicon Dioxide can be formulated alone or in combination with other ZEODENT® cleaning silicas to deliver various levels of cleaning and whitening. This medium to high cleaning silica with low viscosity build has excellent flexibility to meet a broad range of formulators needs.

Properties and applications

- Medium/high level of cleaning
- Can be formulated alone or in combination with other ZEODENT® cleaning silicas for enhanced cleaning and whitening
- Superior optical performance for use in clear gels
- High level of compatibility with active ingredients
- Reduced abrasion vs. high cleaning silicas

Safety and Handling

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet. We recommend to read carefully the Safety Data Sheet prior to the use of our product.

Packaging and storage

For details regarding our packaging options for this product, please contact your local sales representative. Our silica products are inert and extremely stable chemically. However, due to their high specific surface area, they can absorb moisture and volatile organic compounds from the surrounding atmosphere. Therefore, we recommend storing the products in sealed containers in a dry, cool place, and removed from volatile organic substances. Even if a product is stored under these conditions, after a longer period it can still pick up ambient moisture over time, which could lead to its exceeding the specified moisture content.

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